

# National Library of Medicine - Medical Subject Headings

2007 MeSH

## MeSH Descriptor Data

[Return to Entry Page](#)

Standard View. [Go to Concept View](#); [Go to Expanded Concept View](#)

<b>MeSH Heading</b>	Tretinoin
<b>Tree Number</b>	<a href="#">D02.455.326.271.665.202.495.818.500</a>
<b>Tree Number</b>	<a href="#">D02.455.426.392.368.367.379.249.700.860.500</a>
<b>Tree Number</b>	<a href="#">D02.455.849.131.495.818.800</a>
<b>Tree Number</b>	<a href="#">D23.767.261.700.780</a>
<b>Scope Note</b>	An important regulator of <a href="#">GENE EXPRESSION</a> during growth and development, and in <a href="#">NEOPLASMS</a> . Tretinoin, also known as retinoic acid and derived from maternal <a href="#">VITAMIN A</a> , is essential for normal <a href="#">GROWTH</a> ; and <a href="#">EMBRYONIC DEVELOPMENT</a> . An excess of tretinoin can be teratogenic. It is used in the treatment of <a href="#">PSORIASIS</a> ; <a href="#">ACNE VULGARIS</a> ; and several other <a href="#">SKIN DISEASES</a> . It has also been approved for use in promyelocytic leukemia ( <a href="#">LEUKEMIA, PROMYELOCYTIC, ACUTE</a> ).
<b>Entry Term</b>	all-trans-Retinoic Acid
<b>Entry Term</b>	beta-all-trans-Retinoic Acid
<b>Entry Term</b>	Retin-A
<b>Entry Term</b>	Retinoic Acid
<b>Entry Term</b>	trans-Retinoic Acid
<b>Entry Term</b>	Tretinoin Potassium Salt
<b>Entry Term</b>	Tretinoin Sodium Salt
<b>Entry Term</b>	Tretinoin Zinc Salt
<b>Entry Term</b>	Vesanoid

<b>Entry Term</b>	Vitamin A Acid
<b>See Also</b>	<u>Receptors, Retinoic Acid</u>
<b>Allowable Qualifiers</b>	AA AD AE AG AI AN BL CF CH CL CS CT DU EC HI IM IP ME PD PH PK PO RE SD ST TO TU UR
<b>Pharm. Action</b>	<u>Antineoplastic Agents</u>
<b>Pharm. Action</b>	<u>Keratolytic Agents</u>
<b>CAS Type 1 Name</b>	Retinoic acid
<b>Registry Number</b>	302-79-4
<b>Related Number</b>	13497-05-7 (Na salt)
<b>Related Number</b>	22232-80-0 (K salt)
<b>Related Number</b>	75980-27-7 (Zn salt)
<b>Previous Indexing</b>	<u>Carotenoids</u> (1969-1974)
<b>Previous Indexing</b>	<u>Vitamin A</u> (1966-1974)
<b>History Note</b>	80(75); was see under VITAMIN A 1975-79
<b>Date of Entry</b>	19741111
<b>Unique ID</b>	D014212

### MeSH Tree Structures

Organic Chemicals [D02]

Hydrocarbons [D02.455]

Hydrocarbons, Acyclic [D02.455.326]

Alkenes [D02.455.326.271]

Polyenes [D02.455.326.271.665]

Carotenoids [D02.455.326.271.665.202]

Retinoids [D02.455.326.271.665.202.495]

Vitamin A [D02.455.326.271.665.202.495.818]

► Tretinoin

[D02.455.326.271.665.202.495.818.500]

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Organic Chemicals [D02]

Hydrocarbons [D02.455]

Hydrocarbons, Cyclic [D02.455.426]

Hydrocarbons, Alicyclic [D02.455.426.392]

Cycloparaffins [D02.455.426.392.368]

Cyclohexanes [D02.455.426.392.368.367]

Cyclohexenes [D02.455.426.392.368.367.379]

Carotenoids [D02.455.426.392.368.367.379.249]

Retinoids [D02.455.426.392.368.367.379.249.700]

Vitamin A [D02.455.426.392.368.367.379.249.700.860]

► Tretinoin  
[D02.455.426.392.368.367.379.249.700.860.500]

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Organic Chemicals [D02]

Hydrocarbons [D02.455]

Terpenes [D02.455.849]

Carotenoids [D02.455.849.131]

Retinoids [D02.455.849.131.495]

Vitamin A [D02.455.849.131.495.818]

► Tretinoin  
[D02.455.849.131.495.818.800]

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Biological Factors [D23]

Pigments, Biological [D23.767]

Carotenoids [D23.767.261]

Retinoids [D23.767.261.700]

Acitretin [D23.767.261.700.050]

Etretinate [D23.767.261.700.250]

Fenretinide [D23.767.261.700.270]

Isotretinoin [D23.767.261.700.325]

Retinaldehyde [D23.767.261.700.690]

► Tretinoin [D23.767.261.700.780]

Vitamin A [D23.767.261.700.860]

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[Return to Entry Page](#)

[Link to NLM Cataloging Classification](#)

